

Comparisons of Job Characteristics

Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation: Speech-Language Pathologists (29-1127)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
English Language	11.2	23.4	17.6	<<	Extensive education and/or training may be required
Education and Training	9.2	19.2	17.9	0	Current knowledge level may be sufficient
Therapy and Counseling	3.8	19.1	11.3	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	17.5	12.0	<<	Extensive education and/or training may be required
Psychology	6.4	16.6	15.4	0	Current knowledge level may be sufficient
Clerical	7.3	13.7	10.5	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.8	10.2	<	Expanded education and/or training may be required
Medicine and Dentistry	3.7	10.3	4.4	<<	Extensive education and/or training may be required
Foreign Language	2.7	7.7	3.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Social Perceptiveness	9.1	14.5	14.2	0	Current skill level may be sufficient

Monitoring	9.9	13.9	12.8	0	Current skill level may be sufficient
Learning Strategies	7.2	12.6	15.2	>	Skill level is likely sufficient
Active Learning	8.7	12.4	10.6	<	A higher skill level may be required
Instructing	7.8	11.6	12.5	0	Current skill level may be sufficient
Service Orientation	7.9	11.4	11.8	0	Current skill level may be sufficient
Systems Analysis	6.5	10.5	6.1	<<	Extensive development of skills in this area may be required
Science	4.5	9.8	4.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041) Associated Occupation: Speech-Language Pathologists (29-1127)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speech Recognition	9.9	18.8	13.0	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	15.9	13.6	<	Some improvement in abilities may be required
Speech Clarity	10.2	15.7	13.2	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	14.5	12.7	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	13.9	11.0	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	13.2	4.1	<<	Extensive improvement in abilities may be required
Fluency of Ideas	7.6	12.8	10.6	<	Some improvement in abilities may be required
Originality	7.6	12.0	11.6	0	Current ability level may be sufficient
Flexibility of Closure	7.8	11.0	7.9	<<	Extensive improvement in abilities may be required
Speed of Closure	5.9	8.7	5.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 28
Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041) Associated Occupation: Speech-Language Pathologists (29-1127)		
Work Activities	Exclusivity of Activity	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Special Education Teachers, Preschool, Kindergarten, and Elementary School (25-2041)

Associated Occupation: Speech-Language Pathologists (29-1127)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Cameras	2
Communication aids for the physically challenged	29
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Educational or reference software	12
Information exchange software	1
Network applications software	1
Utility and device driver software	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.